IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

F. Soner Terek, Ajay Kalhan, Nagavamsi Ponnekanti, Srikumar Rangarajan

and Michael J. Zwilling

Confirmation No.: Not Yet Assigned

Application No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Filing Date: Herewith

Examiner: Not Yet Assigned

For: SYSTEMS AND METHODS FOR FRAGMENT-BASED SERIALIZATION

EXPRESS MAIL LABEL NO: EV251841230US

DATE OF DEPOSIT: April 9, 2004

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

 \boxtimes In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

DOCKET NO	D.: MSFT-2955/307064.01 - 2 -	PATENT
	In accordance with § 1.129(a), this Information Disclosure	Statement is being
	filed in connection with the first or second After	Final Submission,
	therefore:	
	Certification in Accordance with § 1.97(e) is att	ached; or
	The fee of <u>\$180.00</u> as set forth in § 1.17(p) is att	tached.
	In accordance with § 1.97(c), this Information Disclosure State	ement is being filed
	after the period set forth in § 1.97(b) above but before the mai	ling date of either a
	Final Action under § 1.113 or a Notice of Allowance under §	1.311, or before an
	action that otherwise closes prosecution in the application, ther	efore:
	Certification in Accordance with § 1.97(e) is att	ached; or
	The fee of $$180.00$ as set forth in § 1.17(p) is att	tached.
	In accordance with § 1.97(d), this Information Disclosure State	ement is being filed
	after the mailing date of either a Final Action under § 1.1	13 or a Notice of
	Allowance under § 1.311 but before, or simultaneously with,	the payment of the
	Issue Fee, therefore included are: Certification in Accordance	with § 1.97(e); and
	the submission fee of \$180.00 as set forth in § 1.17(p).	
	Copies of each of the references listed on the attached Fo	orm PTO-1449 are
	enclosed herewith.	
\boxtimes	Copies of references listed on the attached Form PTO-1449 are	e enclosed herewith
	EXCEPT THAT:	
\boxtimes	Copies of references listed on the attached Form PTO 1449 are	e not required to be
	submitted pursuant to the June 30, 2003 recent revision	ns to 37 CFR §

1.98(a)(2)(i).

DOC	KEI NO.: MIS	or 1-2955/30/004.01	- 3 -	PAIENI
		In view of the volu	aminous nature of references [list as	appropriate], and
		the likelihood that	these references are available to the	Examiner, copies
		are not enclosed her	rewith.	
		In accordance with	§ 1.98(d), copies of the following re	eferences listed on
		the attached Form F	PTO-1449 are not enclosed herewith	because they were
		previously cited by	or submitted to the U.S. Patent and	Trademark Office
		in patent applicatio	on(s) for which a claim for priority	under 35 U.S.C.§
		120 have been made	e in the instant application:	
		Copies of re	eferences [list as appropriate] liste	d on the attached
		Form PTO-	1449 were previously cited by or	submitted to the
		Patent and T	rademark Office in prior Application	No., filed.
	Please charge	any deficiency or cre	edit any overpayment to Deposit Acc	ount No. 23-3050
This f	orm is submitte	ed in duplicate.		
	The relevance follows:	e of those listed refe	erences which are not in the Engli	sh language is as
\boxtimes	There are no l	listed references whic	ch are not in the English language.	
	In addition to	the other art of record	d, the inventors are aware of serializa	ition formats in
comp	eting products,	namely in ORACLE®	® database software that allows storage	ge of objects, and
in IBN	M DB2® databa	ase software. A descri	iption of the latter is currently availab	ole on the internet

at www.acm.org/sigmod/disc/p implementationoyostw.htm, and a printed copy of this website is

attached as a reference to this IDS.

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PATENT

Also, in addition to the XML serialization and the storage engine record serialization described in the background section of this application, the inventors are aware of a Common Language Runtime ("CLR") native serialization format created by MICROSOFT® Corporation.

Date: April 9, 2004

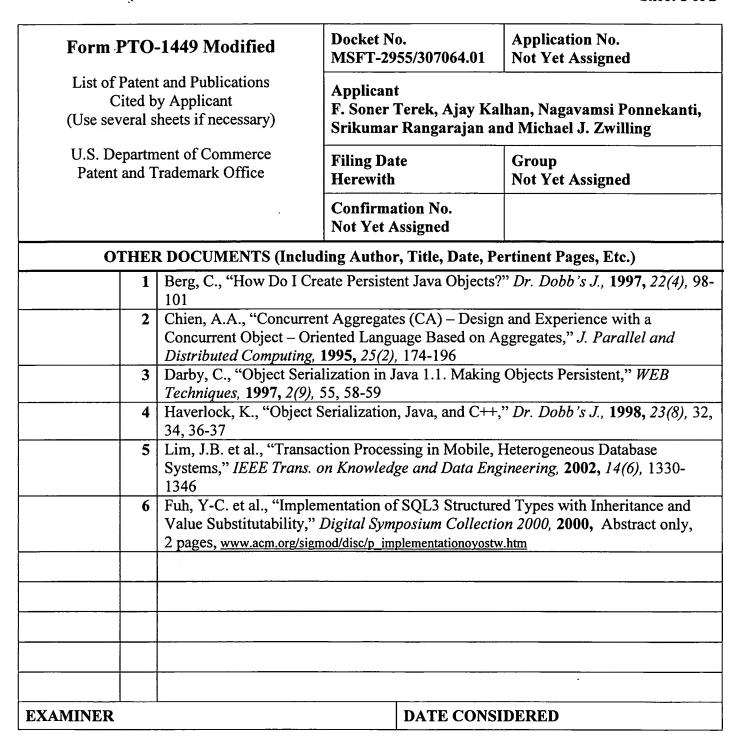
Nathaniel Ari Long Registration No. 53,233

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Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office				Docket No. MSFT-2955/307064.01 Application No. Not Yet Assigned			
				Applicant F. Soner Terek, Ajay Kalhan, Nagavamsi Ponnekanti, Srikumar Rangarajan and Michael J. Zwilling			
				Filing Date Herewith	Group Not Yet Assigned		
				Confirmation No. Not Yet Assigned			
		U.	S. PATENT	T DOCUMENTS		^	
Examiner Initial		Document No.	Date	Name	Class	Subclass	
	7	10/692,225	10/23/03	Venkatesh et al.			
	8	10/775,282	02/10/04	Venkatesh et al.			
	9	10/776,371	02/10/04	Carlin et al.			
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		FOR	EIGN PATI	ENT DOCUMENTS			
Examiner Initial		Document No.	Date	Country	Translation YES NO		
EXAMINER				DATE CONSIDERED			